



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT APPLICATION EXAMINING OPERATIONS**

Appl. No. : 10/516,404 Confirmation No. 2829  
Applicant : Demmer et al.  
Filed : November 30, 2004  
Title: MEMBRANE, FILTRATION AND  
METHOD FOR THE SEPARATION OF  
BIOMOLECULES FROM A LIQUID  
TC/A.U. : 1651  
Examiner : Underdahl, Thane E.  
  
Docket No. : 9013.0100  
Customer No. : 00152

**DESIGNATED PRACTITIONERS FROM POWER OF ATTORNEY**

Jacob E. Vilhauer, Jr., Reg. No. 24,885	J. Peter Staples, Reg. No. 30,690
Charles D. McClung, Reg. No. 26,568	Nancy J. Moriarty, Reg. No. P-40,733
Dennis E. Stenzel, Reg. No. 28,763	Kevin L. Russell, Reg. No. 38,292
Donald B. Haslett, Reg. No. 28,855	Timothy A. Long, Reg. No. 28,876
William O. Geny, Reg. No. 27,444,	Kurt Rohlf, Reg. No. 54,405

**Customer No. 00152**



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US 2004-0240137 A1	5,468,388	6,257,416	6,666,970
US 2004/0229348 A1	5,547,575	6,287,461	6,673,599
US 2005/0126980 A1	5,556,708	6,293,411	6,786,360
US 2005-0208637 A1	5,575,910	6,294,090	6,808,375
US 2005-0245431 A1	5,618,418	6,368,505	6,837,995
US 2006-0096912 A1	5,628,960	6,372,133	6,893,563
US 2006-0216807 A1	5,739,316	6,383,382	6,902,693
US 2007-0026219 A1	6,001,974	6,406,906	6,911,148
US 2007/0062856 A1	6,017,454	6,427,846	6,916,420
	6,143,174	6,520,545	6,951,613
	6,186,341	6,579,445	6,959,812
	6,235,892	6,623,631	6,960,616

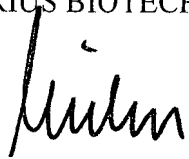
## POWER OF ATTORNEY

We, Volker Niebel and Reinhard Vogt, declare that we are Managing Directors of SARTORIUS BIOTECH, GmbH, and are authorized to execute this document on its behalf. SARTORIUS BIOTECH GmbH is the assignee of the entire right, title and interest in the above-referenced patents and applications and hereby appoints Dennis E. Stenzel, Reg. No. 28,763, Jacob E. Vilhauer, Jr., Reg. No. 24,885, Charles D. McClung, Reg. No. 26,568, Donald B. Haslett, Reg. No. 28,855, William O. Geny, Reg. No. 27,444, J. Peter Staples, Reg. No. 30,690, Nancy J. Moriarty, Reg. No. P 40,733, Kevin L. Russell, Reg. No. 38,292, Timothy A. Long, Reg. No. 28,876, Brenna K. Legaard, Reg. 51077, Kurt A. Rohlf, Reg. No. 54,405, Susan D. Pitchford, Reg. No. 50,945, and J. Douglas Wells, Reg. No. 50,477, all members of the firm of CHERNOFF, VILHAUER, McCLUNG & STENZEL, LLP, 601 S.W. Second Avenue, Suite 1600, Portland, Oregon 97204-3157, telephone number (503) 227-5631, and facsimile number (503) 228-4373, its attorneys, jointly and individually, to transact all business in the Patent and Trademark Office connected therewith.

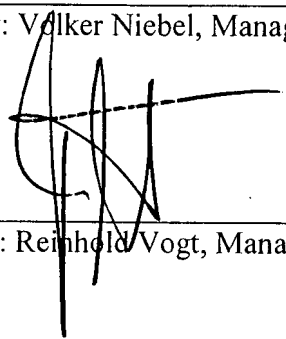
The Commissioner is requested to direct all communications regarding this application to the attention of Dennis E. Stenzel, Esq., Chernoff, Vilhauer, McClung & Stenzel, LLP, 601 S.W. Second Avenue, Suite 1600, Portland, Oregon 97204-3157.

SARTORIUS BIOTECH GmbH

Dated: 11/07/2007

  
By: Volker Niebel, Managing Director

Dated: 11/07/2007

  
By: Reinhold Vogt, Managing Director



ATTACHMENT TO POWER OF ATTORNEY

Schedule of Publication Nos. with Application Serial Numbers & Filing Dates

Publication No.	Serial No.	Filing Date
US20040240137A1	10493333	04/21/2004
US20040029348A1	10841029	05/07/2004
US20050126980A1	10168806	06/21/2002
US20050208637A1	10516404	11/30/2004
US20050245431A1	10516405	11/30/2004
US20060096912A1	11264928	11/01/2005
US20060216807A1	11436861	05/17/2006
US20070026219A1	10554980	10/31/2005
US20070062856A1	11602884	11/20/2006

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Sartorius Biotech GmbHApplication No./Patent No.: 10/516,404Filed/Issue Date: May 7, 2004Entitled: MEMBRANE FILTRATION AND METHOD FOR THE SEPARATION OF BIOMOLECULES FROM A LIQUIDSartorius Biotech GmbH, a German corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
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2. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_

To: \_\_\_\_\_

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Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

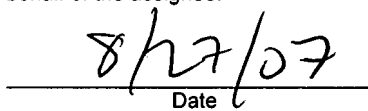
**[NOTE:** A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

Dennis E. Stenzel  
Printed or Typed Name

Attorney for Applicant  
Title

  
Date

(503) 227-5631  
Telephone Number

COPY

PATENT ASSIGNMENT

WHEREAS, SARTORIUS AG, a GERMAN corporation, hereinafter referred to as "Assignor," is the owner of the U.S. Patents and Applications set forth in the table below:

US 2004-0240137 A1	5,468,388	6,257,416	6,666,970
US 2004/0229348 A1	5,547,575	6,287,461	6,673,599
US 2005/0126980 A1	5,556,708	6,293,411	6,786,360
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	6,186,341	6,579,445	6,959,812
	6,235,892	6,623,631	6,960,616

as shown by the records of the United States Patent and Trademark Office; and

WHEREAS, SARTORIUS BIOTECH GmbH, a GERMAN corporation, whose address is August-Spindler-Str. 11, 37079 Goettingen, Germany, hereinafter referred to as "Assignee," desires to acquire the entire right, title and interest in and to said Patents and Applications;

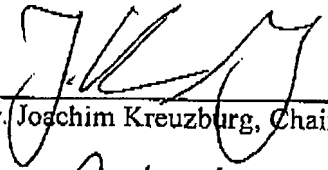
NOW, THEREFORE, in consideration of valuable consideration received from Assignee, the receipt whereof is acknowledged, Assignor assigns unto Assignee its entire right, title and interest in and to said U.S. Patents and Applications and any improvements, reissues, extensions, divisionals, continuations or continuations-in-part that may be made or granted

thereon, including the right to recover for past infringement of said Patents and any Patent issuing from said Applications.

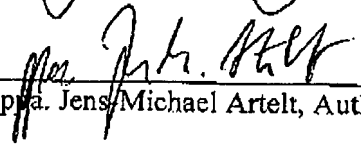
Executed on this 11 day of July, 2007.

SARTORIUS AG

By

  
Dr. Joachim Kreuzburg, Chairman

By

  
p/a. Jens Michael Artelt, Authorized Signatory



## ATTACHMENT TO PATENT ASSIGNMENT

### Schedule of Publication Nos. with Application Serial Numbers & Filing Dates

Publication No.	Serial No.	Filing Date
US20040240137A1	10493333	04/21/2004
US20040029348A1	10841029	05/07/2004
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